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Applicant: Marcus E.M. Verhagen et al.
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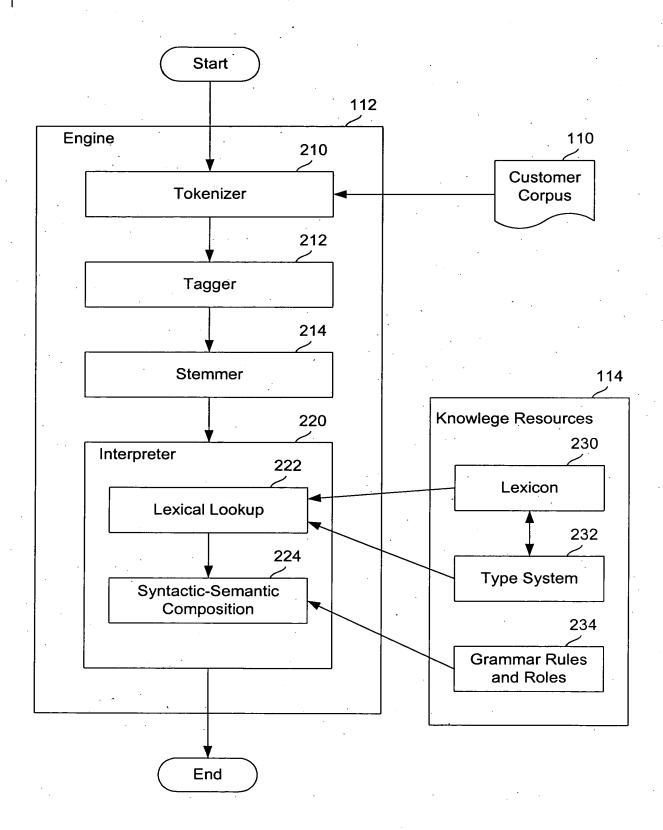


FIG. 1

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Applicant: Marcus E.M. Verhagen et al.
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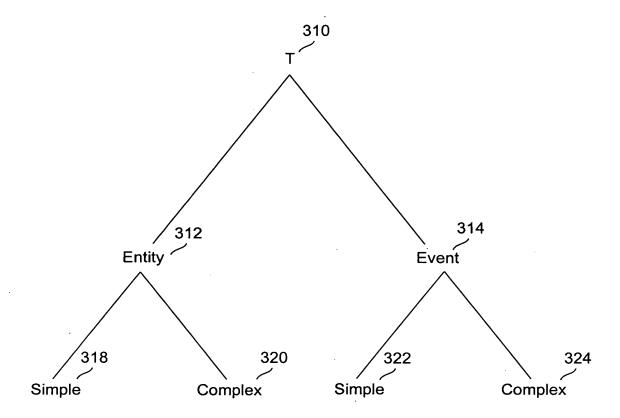
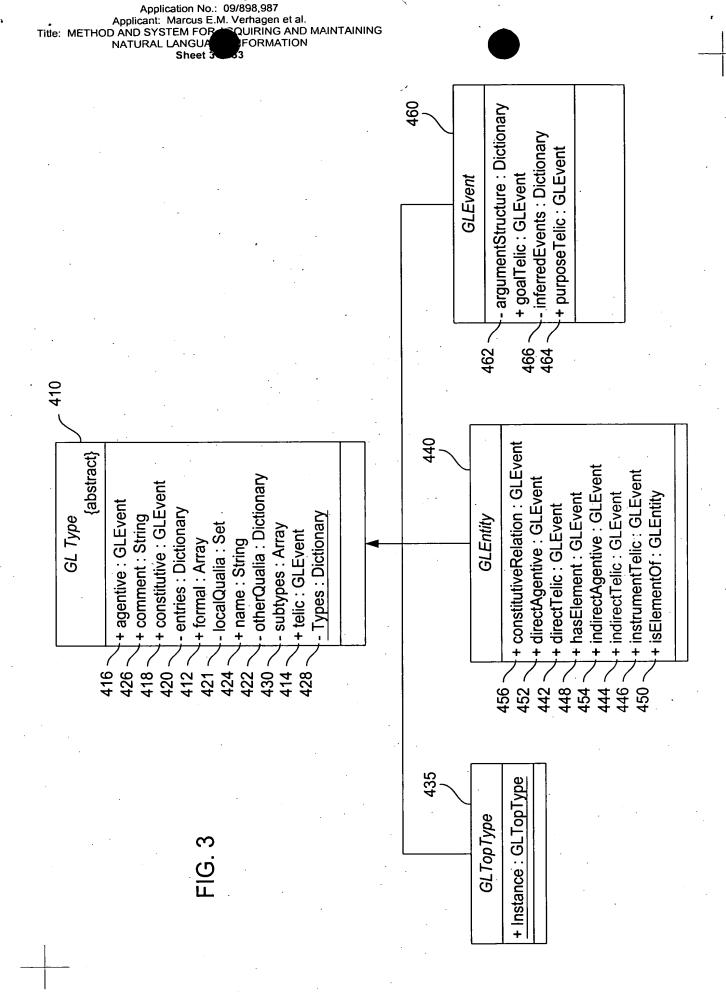


FIG. 2



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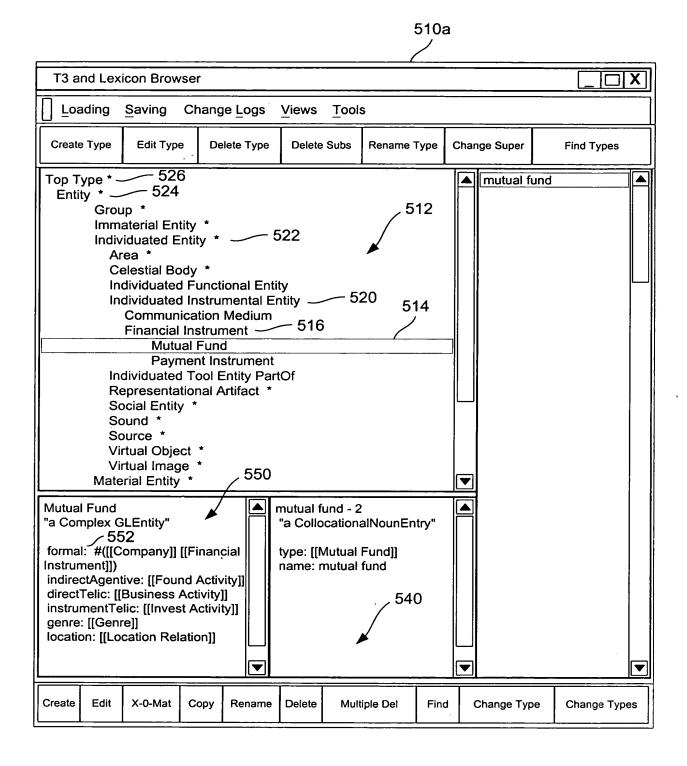


FIG. 4

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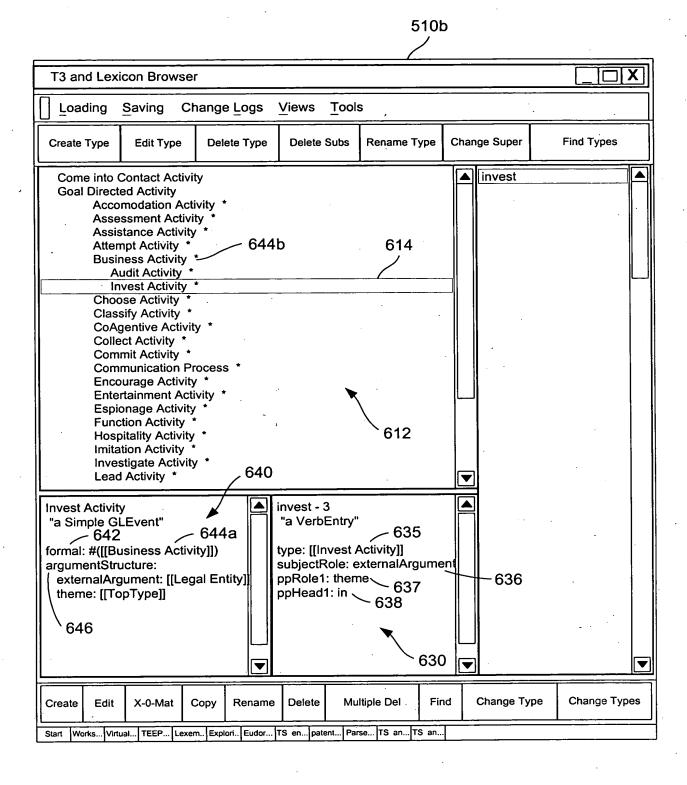


FIG. 5

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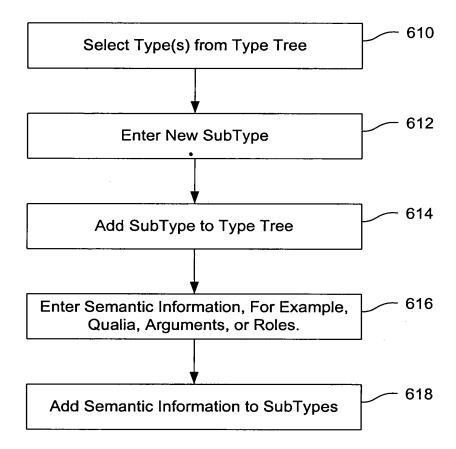


FIG. 6A

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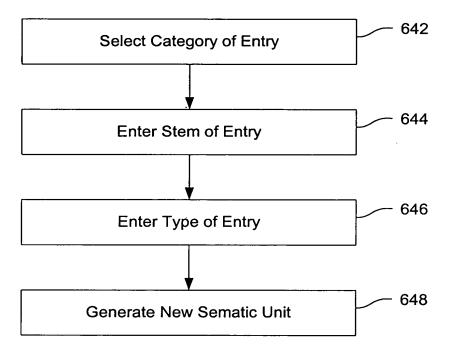


FIG. 6B

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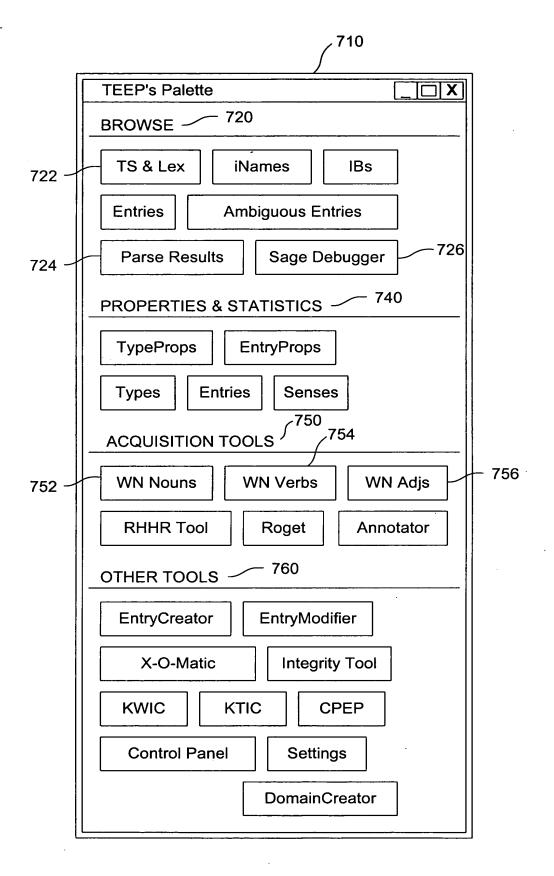


FIG. 7

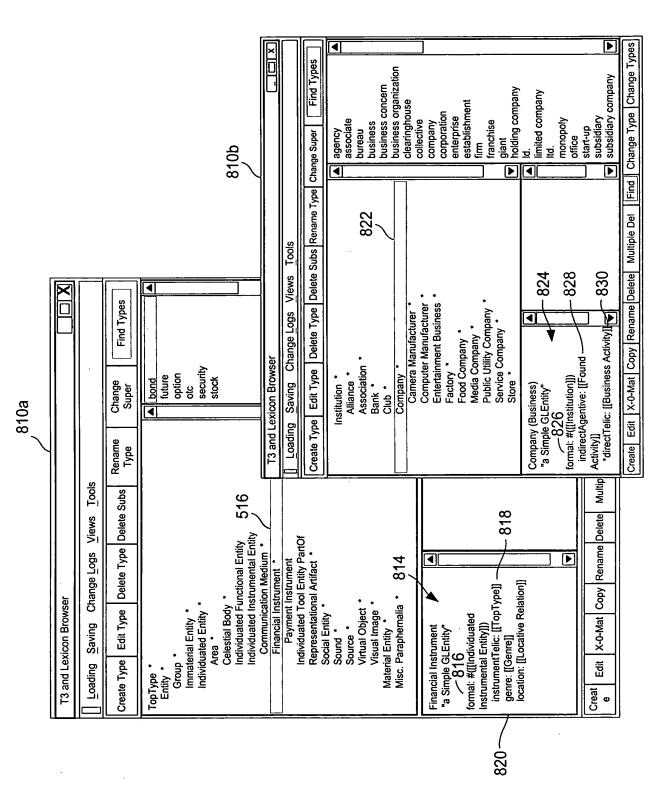


FIG. 8

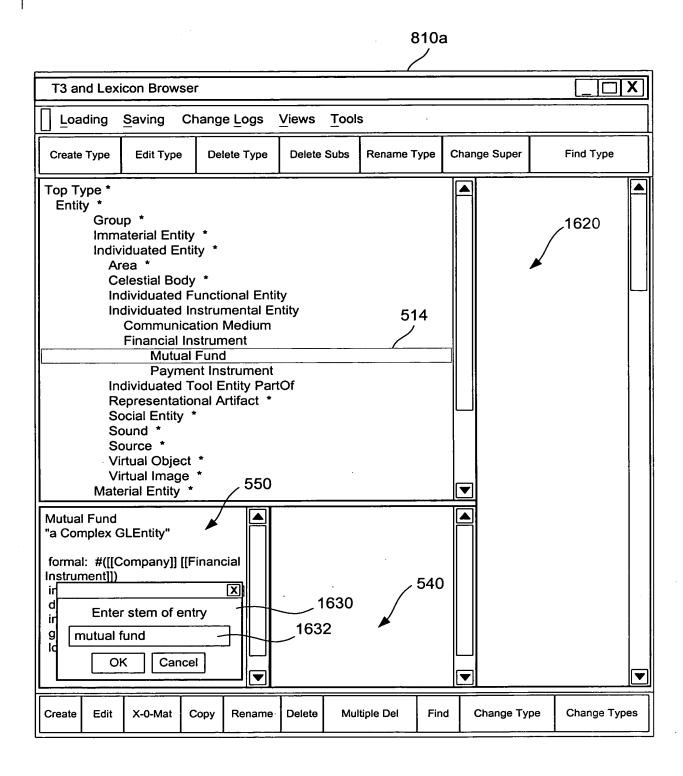


FIG. 16

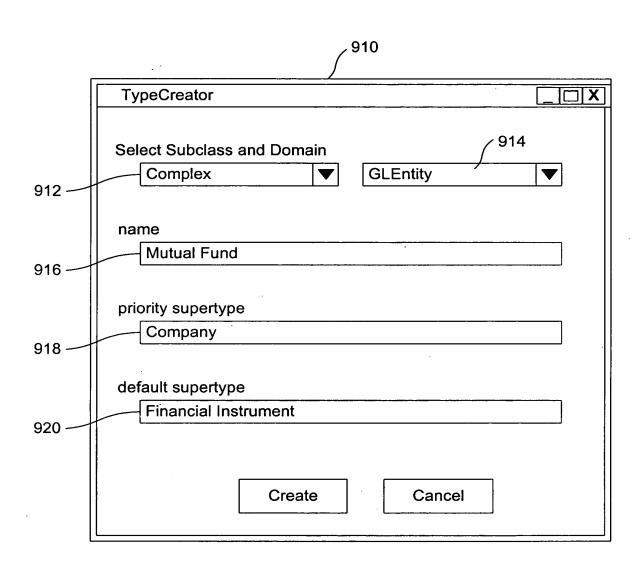


FIG. 9

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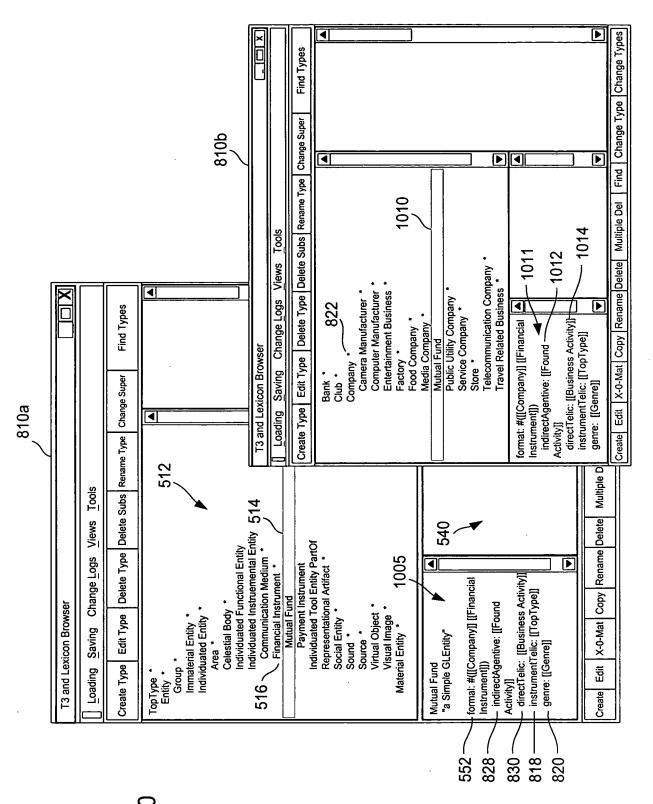


FIG. 10

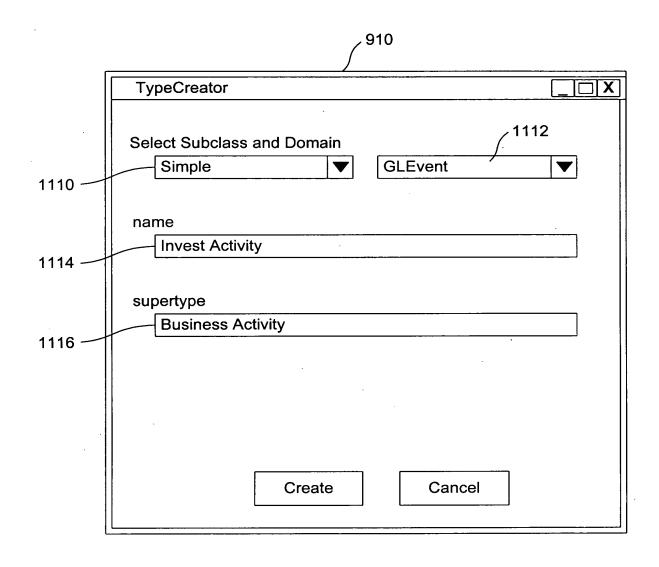


FIG. 11

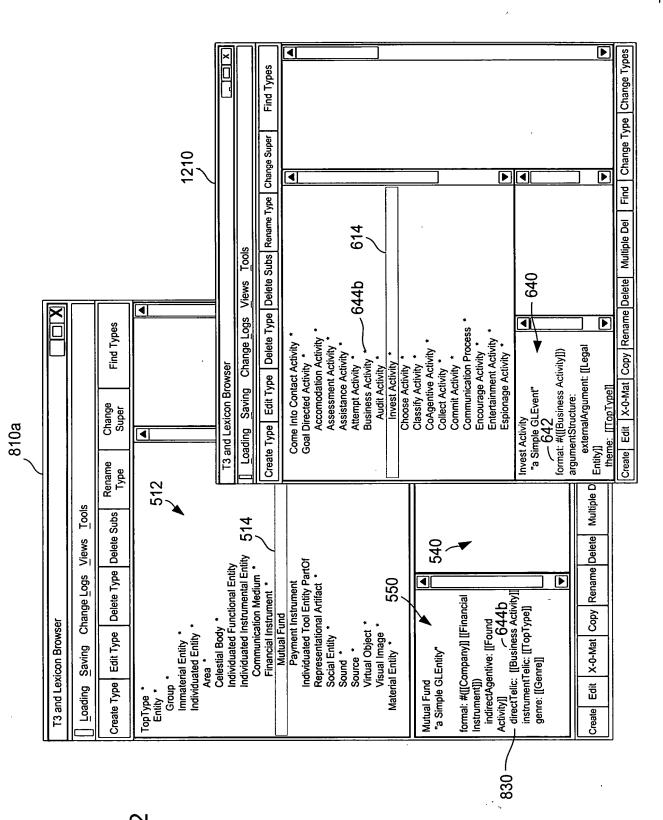


FIG. 12

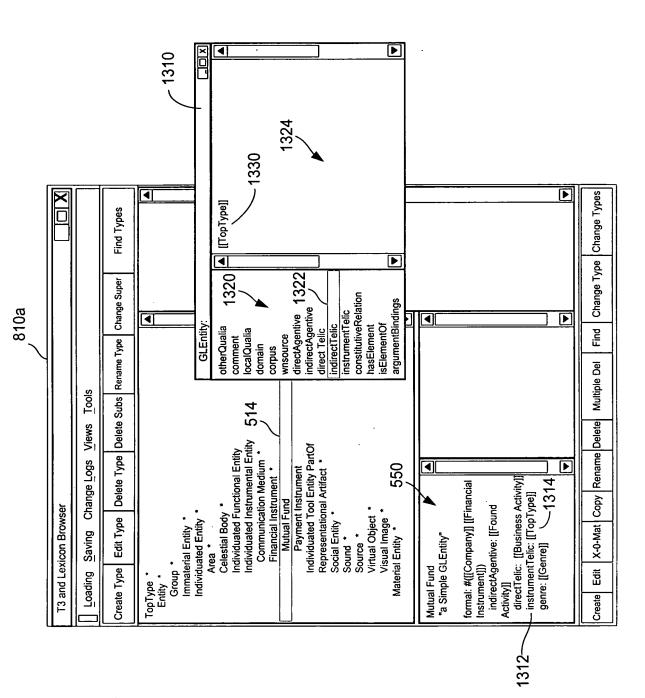


FIG. 13

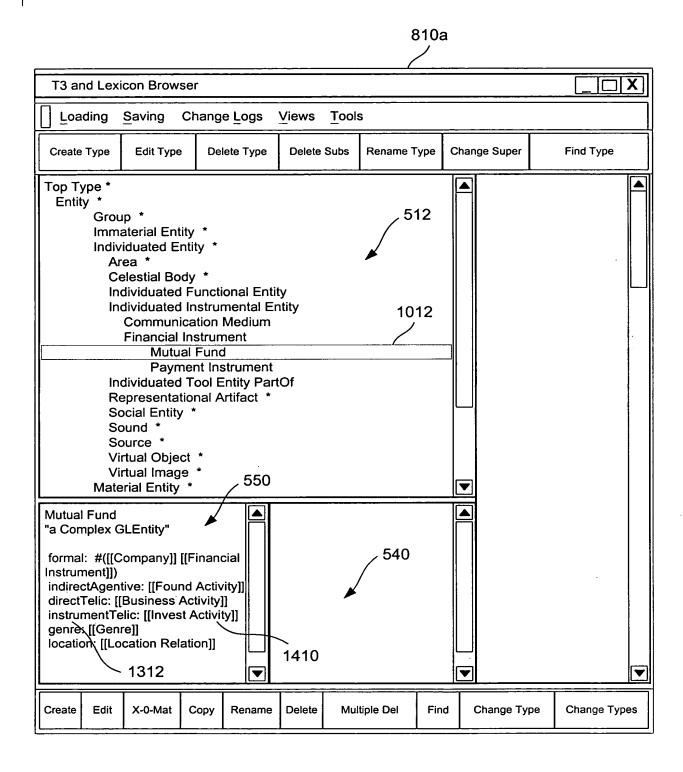


FIG. 14

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Applicant: Marcus E.M. Verhagen et al.
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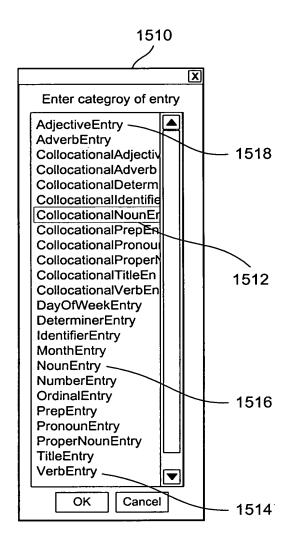


FIG. 15

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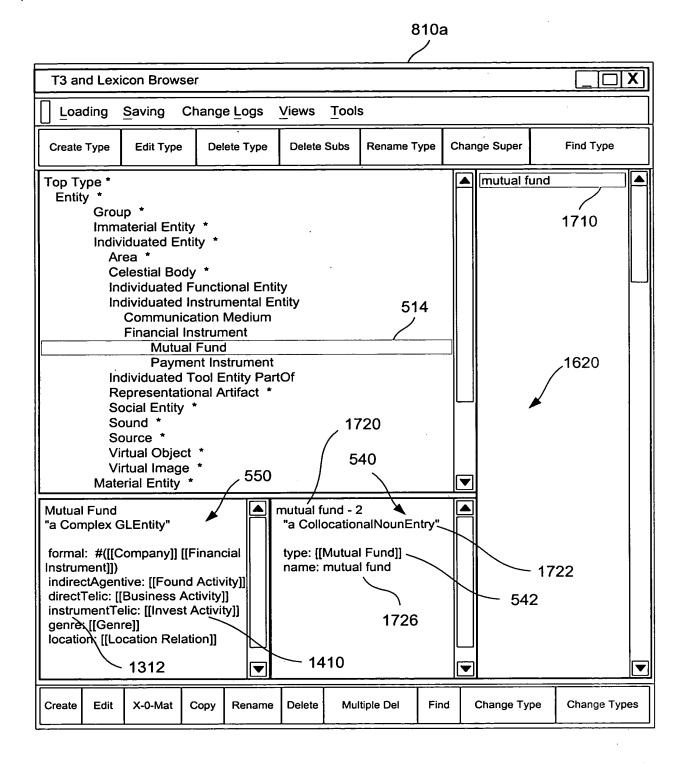


FIG. 17

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1210

T3 and Lexicon Browser Loading Saving Change Logs Views Tools Create Type Edit Type Delete Type **Delete Subs** Rename Type Change Super Find Type invest Come into Contact Activity **Goal Directed Activity** Accomodation Activity 1832 **Assessment Activity** Assistance Activity Attempt Activity 614 **Business Activity *** Audit Activity * Invest Activity * Choose Activity Classify Activity * 1830 CoAgentive Activity * Collect Activity * Commit Activity * Communication Process * 1810 Encourage Activity ' Entertainment Activity * 1833 640 Espionage Activity ' invest - 3 **Invest Activity** "a Simple GLEvent" "a VerbEntry". 644a 1820 formal: #([[Business Activity]]) type: [[Invest Activity]] argumentStructure: externalArgument: [[Legal 635 Entity]] theme: [[TopType]] 630 Multiple Del Change Types Create Édit X-0-Mat Сору Rename Delete Find Change Type Start Works... Virtual... TEEP... Lexem.. Explori.. Eudor... TS en... patent... Parse... TS an... TS an...

FIG. 18

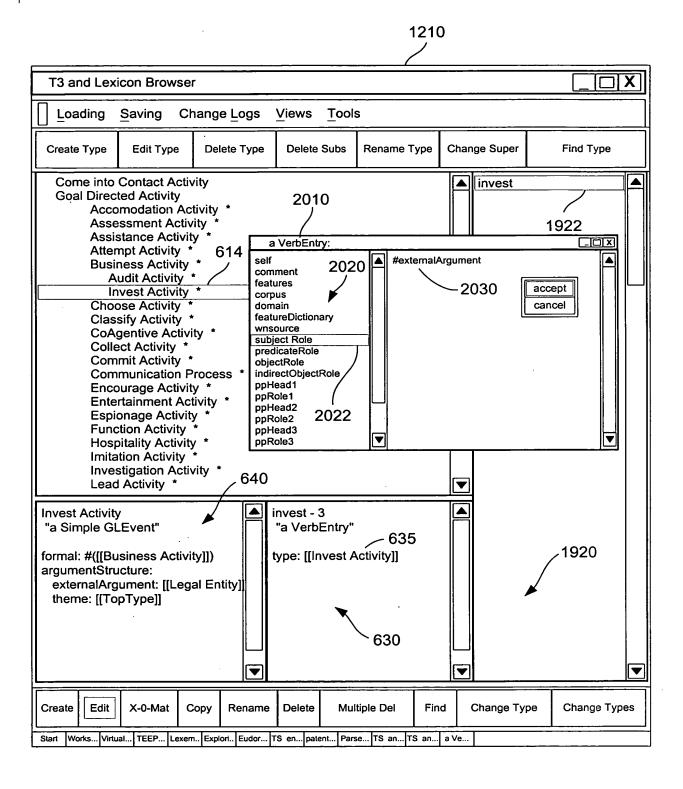


FIG. 19

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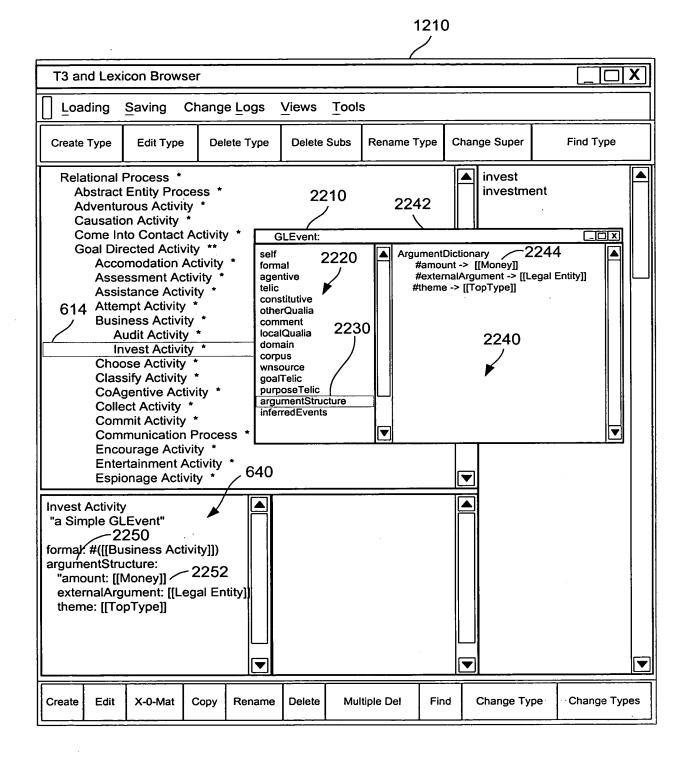


FIG. 20

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Applicant: Marcus E.M. Verhagen et al.
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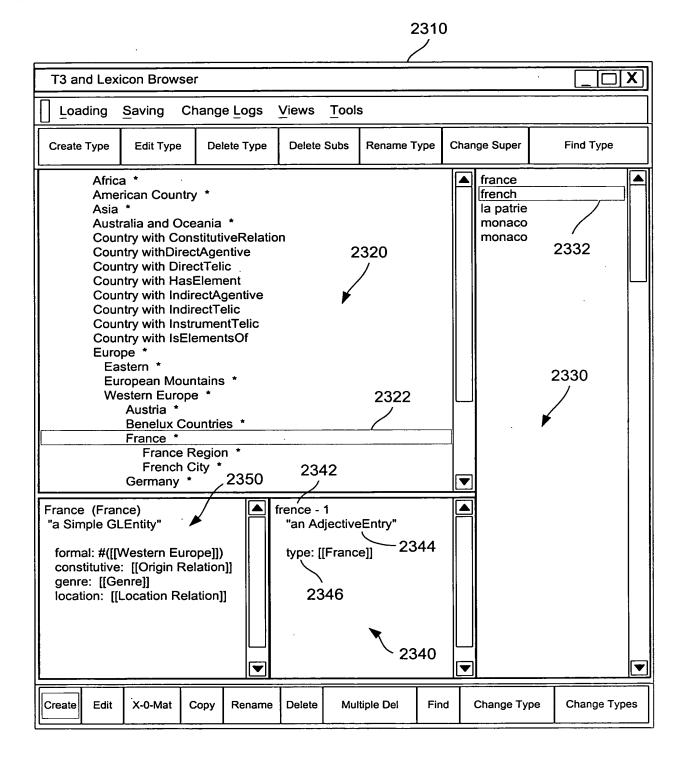


FIG. 21

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Applicant: Marcus E.M. Verhagen et al.
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NATURAL LANGUAGE INFORMATION
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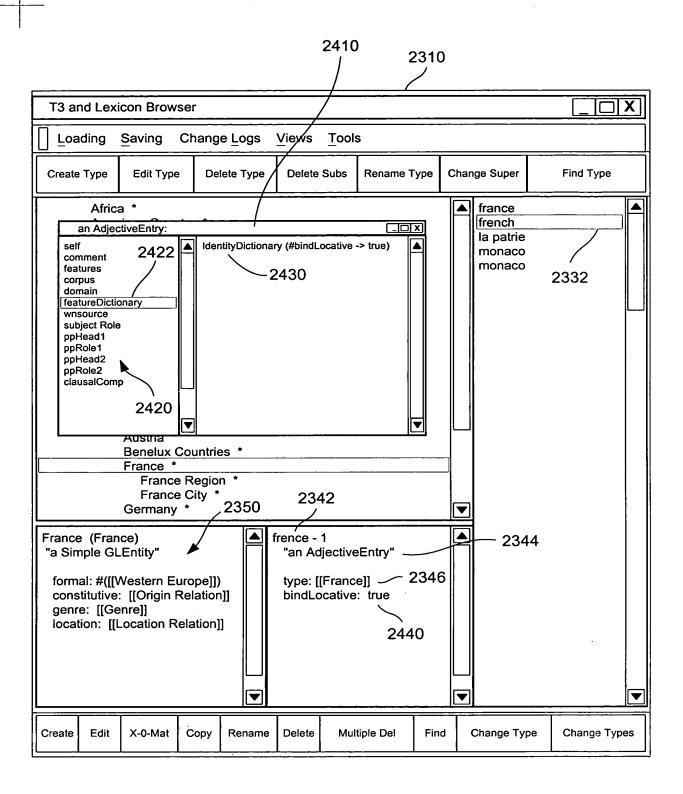


FIG. 22

Application No.: 09/898,987
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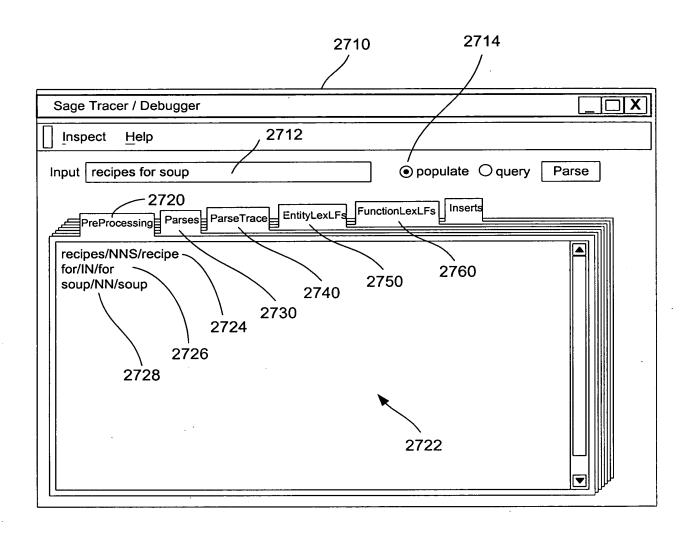


FIG. 23

Application No.: 09/898,987
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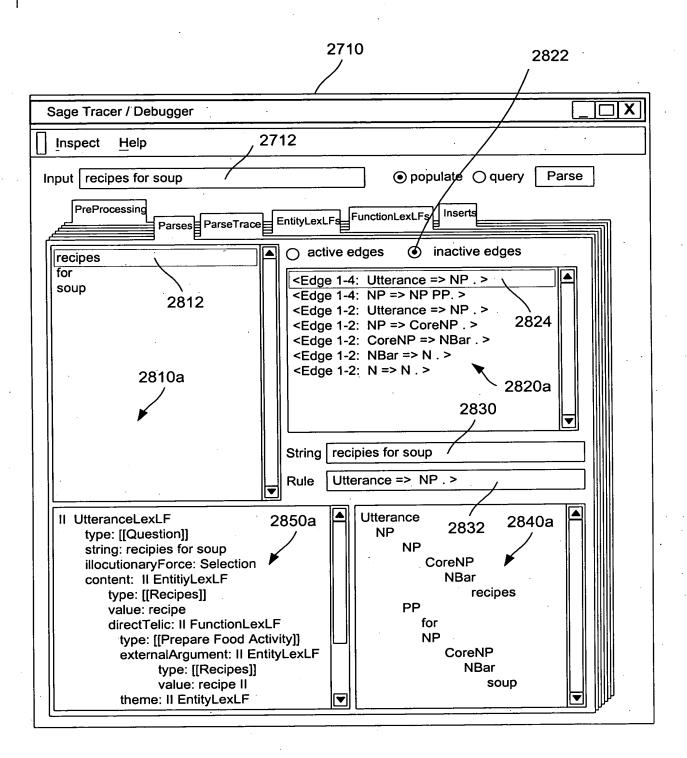


FIG. 24

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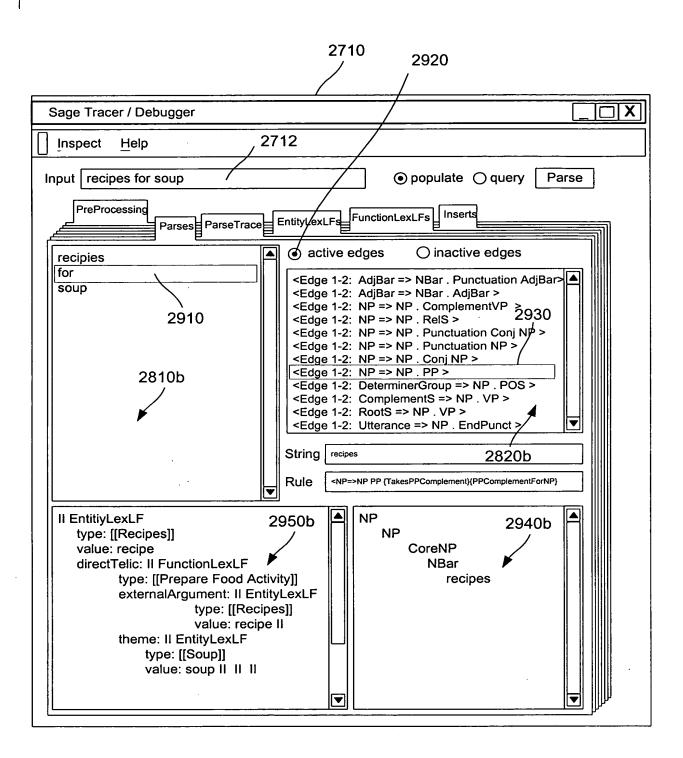


FIG. 25

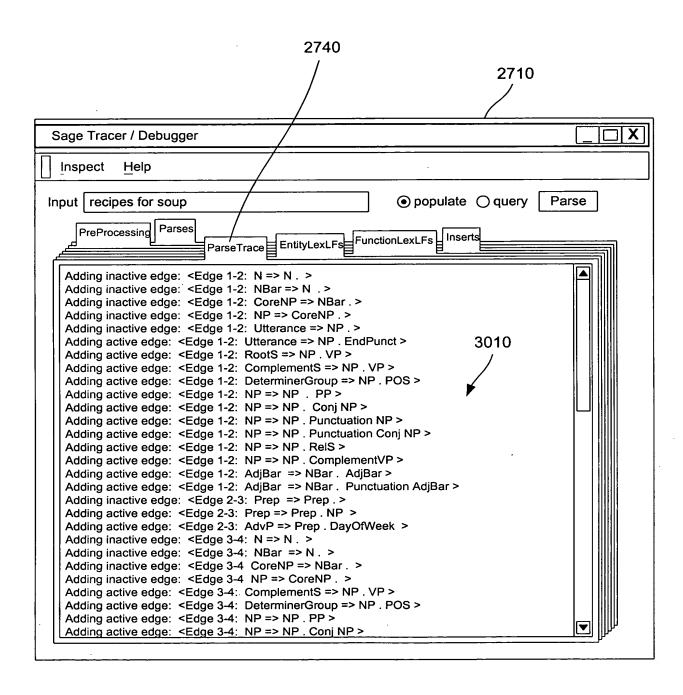


FIG. 26A

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2710

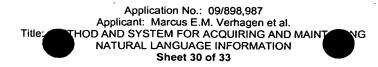
Sage Tracer / Debugger Inspect Help Parse populate \(\) query Input | recipes for soup Parses PreProcessing ParseTrace EntityLexLFs FunctionLexLFs Inserts Adding inactive edge: <Edge 3-4: N => CoreNP . > Adding active edge: <Edge 3-4: ComplementS => NP . VP > Adding active edge: <Edge 3-4: DeterminerGroup => NP . POS > Adding active edge: <Edge 3-4: NP => NP . PP > Adding active edge: <Edge 3-4: NP => NP . Conj NP > Adding active edge: <Edge 3-4: NP => NP . Punctuation NP > Adding active edge: <Edge 3-4: NP => NP . Punctuation Conj NP > Adding active edge: <Edge 3-4: NP => NP . RelS > Adding active edge: <Edge 3-4: NP => NP . ComplementVP > 3020 Matching <Edge 2-3: PP => Prep . NP > with <Edge 3-4: NP => CoreNP . > Adding inactive edge: <Edge 2-4: P => PrepNP . > Matching <Edge 1-2: NP => NP . PP > with <Edge 2-4: PP => Prep NP . > Adding inactive edge: <Edge 1-4: NP => NP . PP > Adding inactive edge: <Edge 1-4: Utterance => NP . > Adding active edge: <Edge 1-4: Utterance => NP . EndPunct > Adding active edge: <Edge 1-4: RootS => NP . VP > Adding active edge: <Edge 1-4: ComplementS => NP . VP > Adding active edge: <Edge 1-4: DeterminerGroup => NP . POS > Adding active edge: <Edge 1-4: NP => NP . PP > Adding active edge: <Edge 1-4: NP => NP . Conj NP > Adding active edge: <Edge 1-4: NP => NP . Punctuation NP > Adding active edge: <Edge 1-4: NP => NP . Punctuation Conj NP > Adding active edge: <Edge 1-4: NP => NP . RelS > Adding active edge: <Edge 1-4: NP => NP . ComplementVP > Adding active edge: <Edge 3-4: AdjBar => NBar . AdjBar > Adding active edge: <Edge 3-4: AdjBar => NBar . Punctuation AdjBar > Adding active edge: <Edge 3-4: NBar => N . NBar >

FIG. 26B

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3230	3210
/ 3240 ₃₂₂₀	· /
Parse Results Browser	
Parsing Information Builders	
Sentence: recipes for soup	Parse
Parse #1 All Edges	
Semantics Tree Edges	
II EntityLexLF 3260 type: [[Recipes]] 3250	
	·
type: [[Prepare Food Activity]] externalArgument: II EntityLexLF	
type: [Recipes]] value: recipe II	
theme: II EntityLexLF type: IISoupII	
value: soup II II II	

FIG. 27



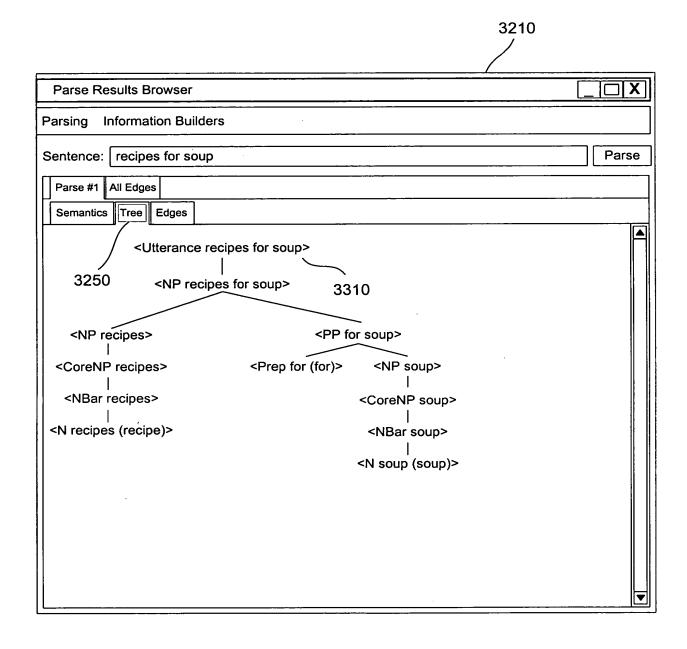


FIG. 28

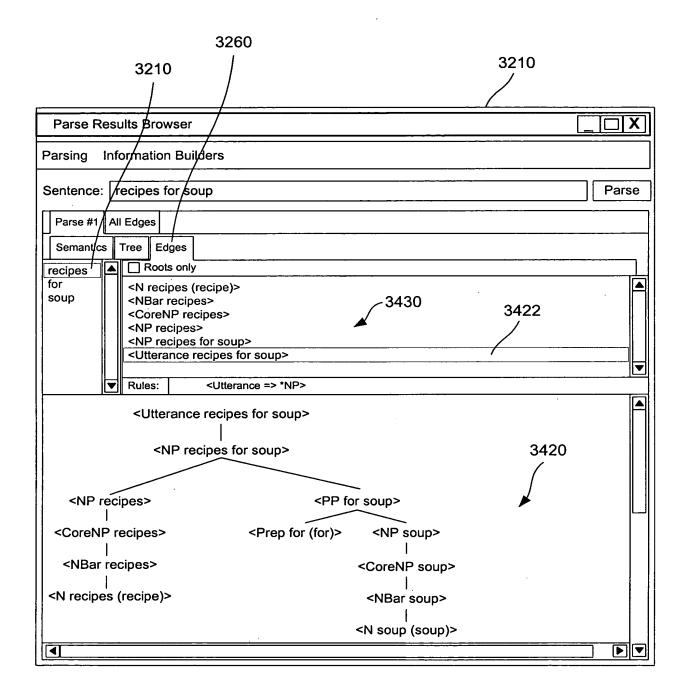


FIG. 29

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Applicant: Marcus E.M. Verhagen et al.
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NATURAL LANGUAGE INFORMATION
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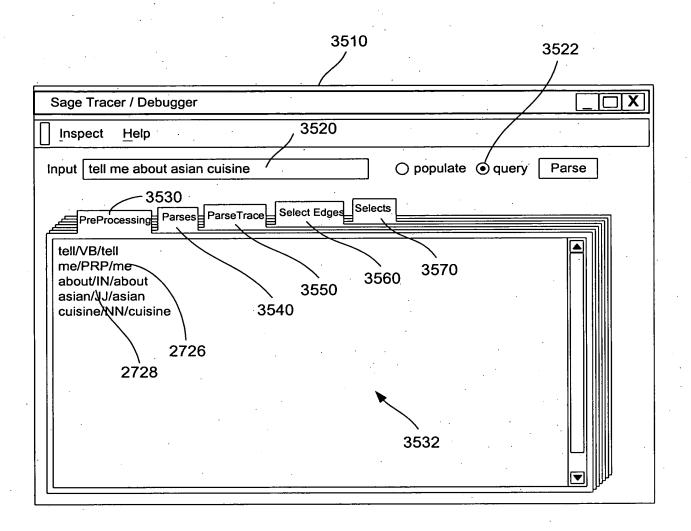


FIG. 30

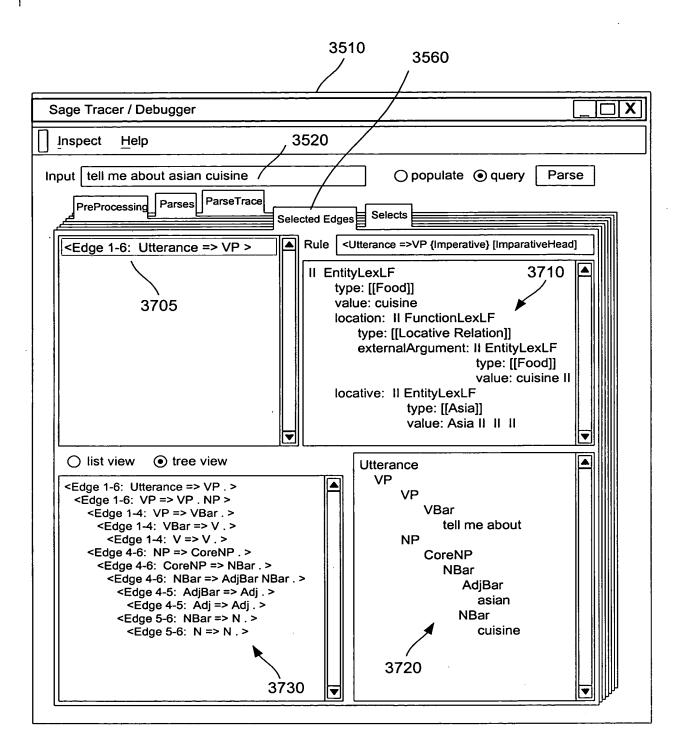


FIG. 31